

Title (en)

APPARATUS FOR DETECTING A STEERING ANGLE AND A STEERING ANGULAR VELOCITY OF A VEHICLE

Publication

EP 0117611 A3 19850619 (EN)

Application

EP 84300310 A 19840118

Priority

JP 1195983 U 19830129

Abstract (en)

[origin: EP0117611A2] An apparatus for detecting a steering angle and a steering angular velocity of a steering system mounted in a vehicle. The apparatus has a sensor (16) mounted with respect to a steering column tube (18) on a lower steering column tube (20) secured to the lower end of the tube (18) coaxially therewith and a disc (14) secured onto the outer periphery of a steering shaft (12). The steering sensor has a projecting form in which a light emitting element (160) and a light receiving element (162) are provided. The projecting form of the sensor is designed so as to prevent the light emitting element (160) and the light receiving element (162) from contacting the disc (14).

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IPC 8 full level

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CPC (source: EP US)

B62D 15/02 (2013.01 - EP US)

Citation (search report)

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- [XP] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 79, (M-204)(1224), 3rd February 1984; & JP-A-58-183358 (FUJI) 26-10-1983 (CAT. P,A) * Abstract *
- [L] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 26, (M-273)(1463), 3rd February 1984; JP-A-58-183358 /FUJI) (CAT.P,A) 26-10-1983 (CAT. P,A)

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